

ABSTRACT OF THE DISCLOSURE

The present invention provides an array substrate for an IPS-LCD device. The array substrate has an image display area and an image non-display area. A first auxiliary line that receives a signal applied to a plurality of common electrodes is arranged in the image non-display area. A second auxiliary line that receives a signal applied to a gate line is also
5 arranged in the image non-display area. The first and second auxiliary lines has the opposite polarity direct electrical currents, and thus, both negative and positive ions from sealant and overcoat layer are trapped in these first and second auxiliary lines.

Accordingly, the deterioration of the liquid crystal layer is prevented, thereby increasing
10 the reliability of a liquid crystal display device.